

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030721\
 Data File : VX021034.D
 Acq On : 05 Mar 2021 15:04
 Operator : JC/MD
 Sample : M1584-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW6-GW-778-780

Quant Time: Mar 05 23:58:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	215210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	407759	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	396072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	160107	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	146384	50.36	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.72%
35) Dibromofluoromethane	5.470	113	126341	51.00	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.00%
50) Toluene-d8	8.694	98	511642	52.97	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.94%
62) 4-Bromofluorobenzene	11.118	95	185279	51.87	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.74%

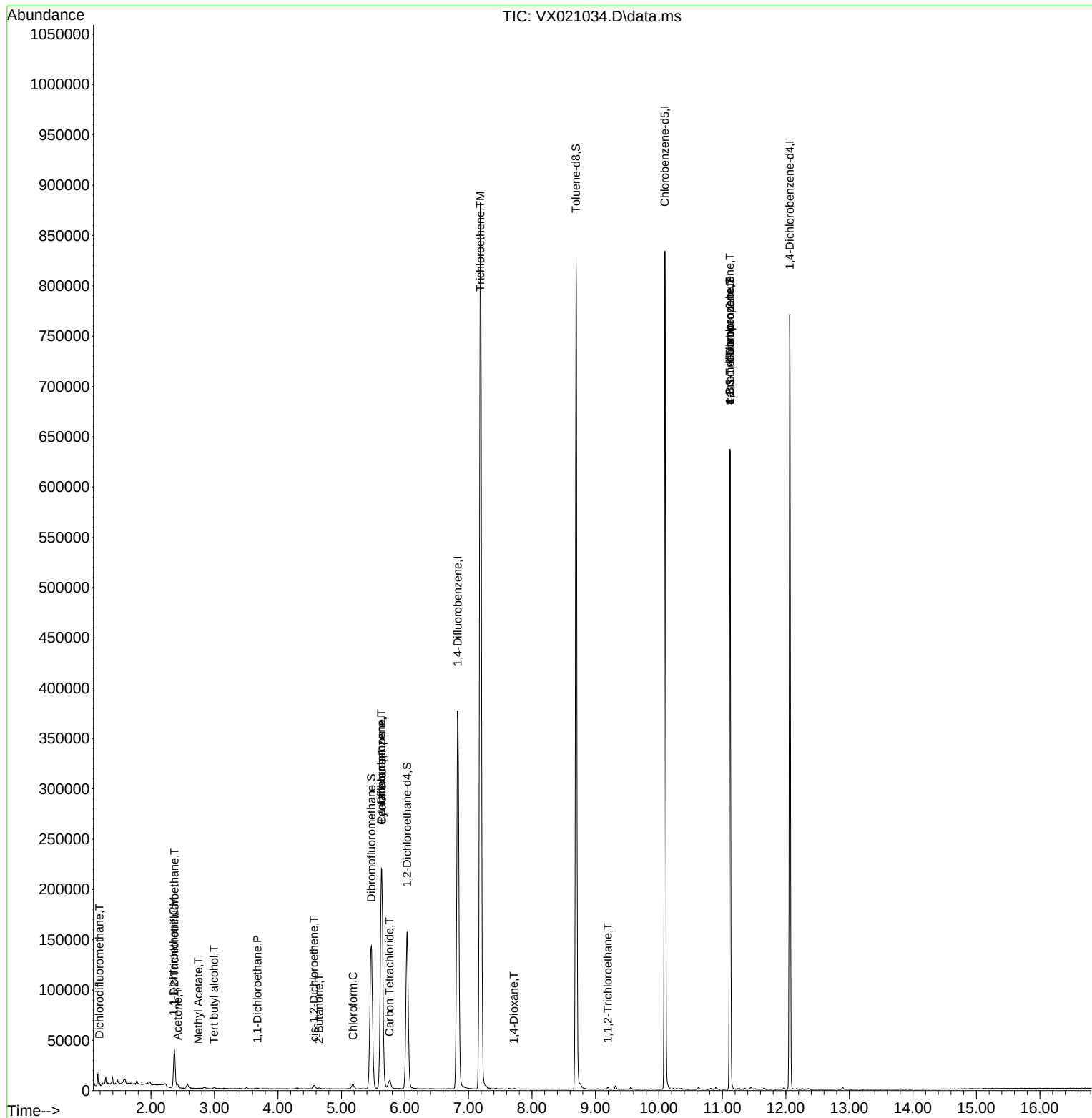
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	1126	0.48	ug/l	97
5) Bromomethane	1.640	94	363	Below	Cal	85
9) 1,1,2-Trichlorotrifluo...	2.370	101	13293	5.74	ug/l	97
11) Tert butyl alcohol	2.993	59	653	1.01	ug/l #	73
12) 1,1-Dichloroethene	2.358	96	3017	1.25	ug/l	89
16) Acetone	2.422	43	3982	3.32	ug/l	90
18) Methyl Acetate	2.746	43	675	0.24	ug/l #	62
24) 1,1-Dichloroethane	3.676	63	1001	0.21	ug/l #	81
25) 2-Butanone	4.646	43	1158	0.64	ug/l	99
27) cis-1,2-Dichloroethene	4.564	96	2260	0.72	ug/l	93
30) Chloroform	5.182	83	5011	1.07	ug/l	98
31) Cyclohexane	5.635	56	4384	1.04	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	16715	4.31	ug/l #	48
38) Carbon Tetrachloride	5.758	117	7310	1.95	ug/l	94
44) Trichloroethene	7.188	130	353574	115.76	ug/l	99
49) 1,4-Dioxane	7.717	88	391	5.32	ug/l #	82
55) 1,1,2-Trichloroethane	9.194	97	582	0.20	ug/l	95
76) 1,2,3-Trichloropropane	11.118	75	87609	25.44	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	87609	56.31	ug/l #	12

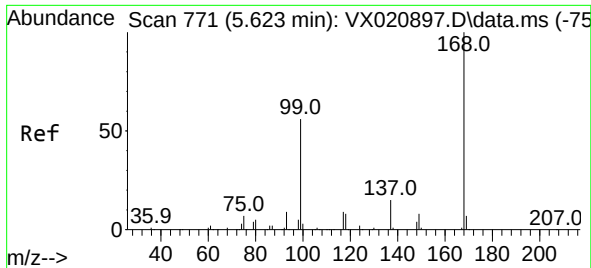
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

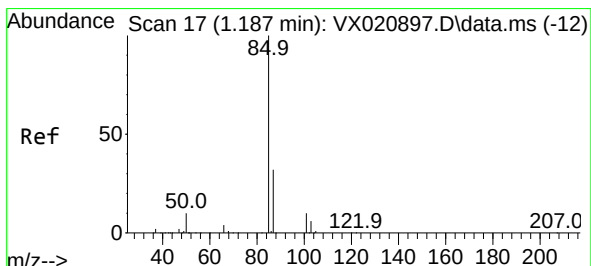
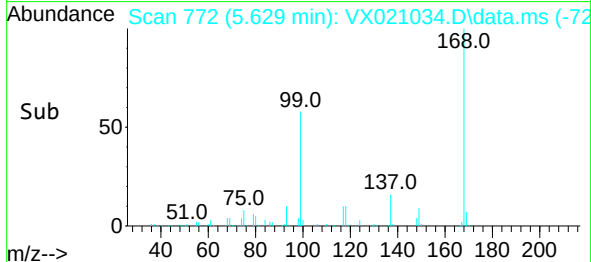
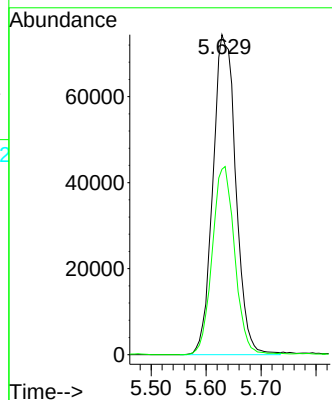
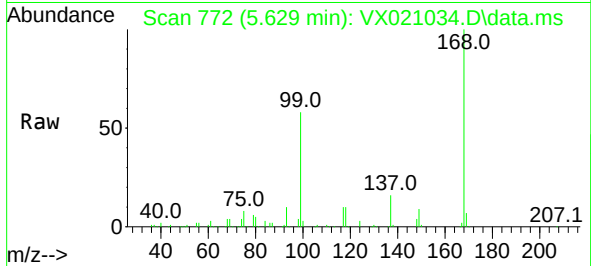




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021034.D
Acq: 05 Mar 2021 15:04

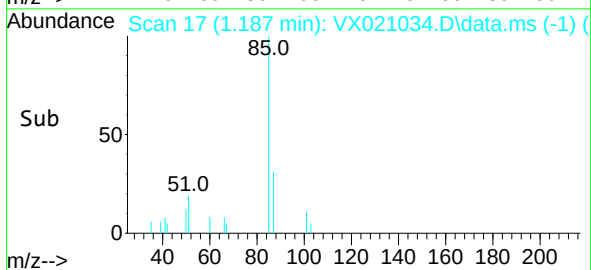
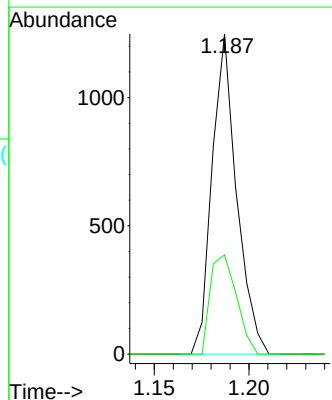
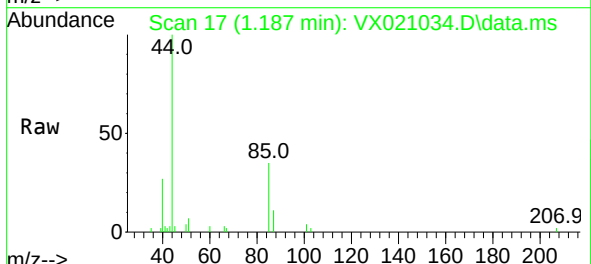
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-778-780

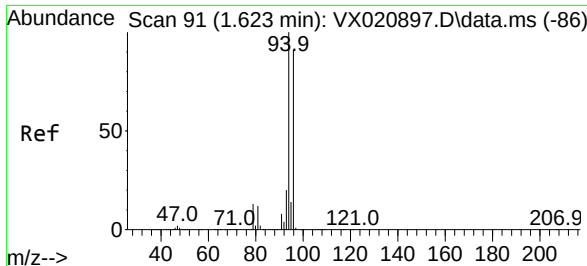
Tgt Ion:168 Resp: 215210
Ion Ratio Lower Upper
168 100
99 58.0 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.48 ug/l
RT: 1.187 min Scan# 17
Delta R.T. -0.000 min
Lab File: VX021034.D
Acq: 05 Mar 2021 15:04

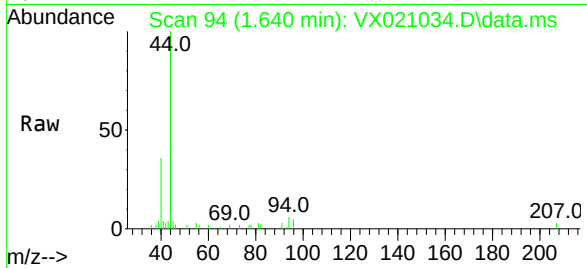
Tgt Ion: 85 Resp: 1126
Ion Ratio Lower Upper
85 100
87 31.0 16.4 49.2



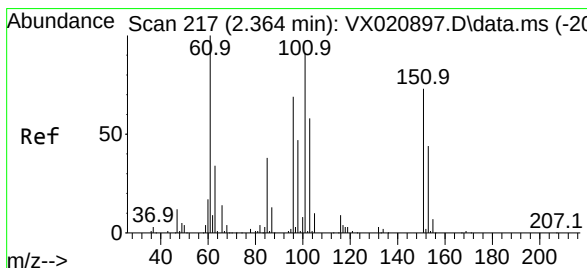
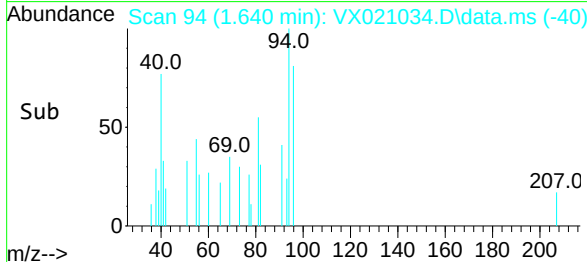
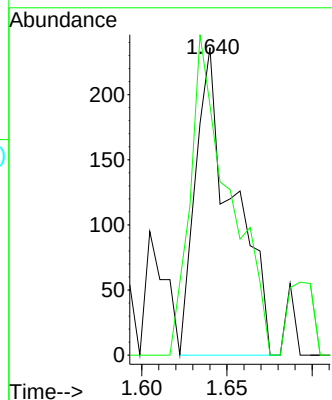


#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021034.D
Acq: 05 Mar 2021 15:04

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-778-780

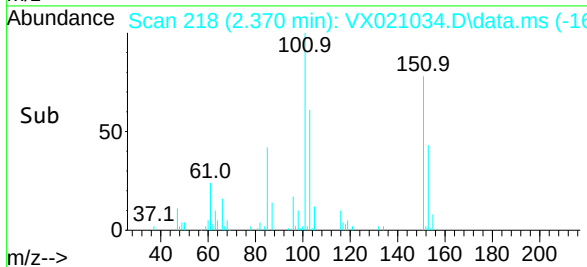
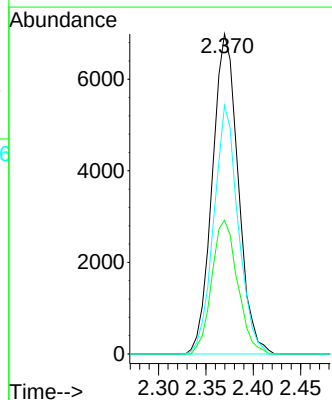
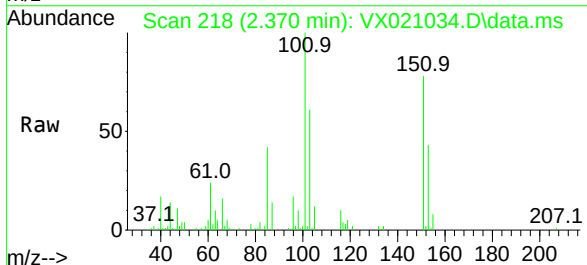


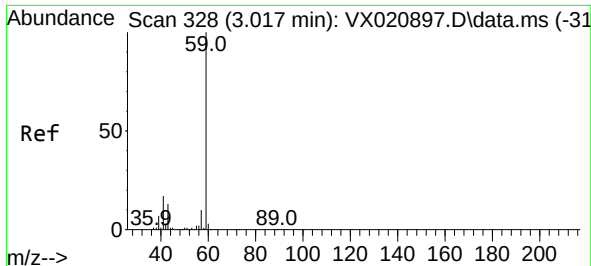
Tgt Ion: 94 Resp: 363
Ion Ratio Lower Upper
94 100
96 81.4 76.4 114.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.74 ug/l
RT: 2.370 min Scan# 218
Delta R.T. 0.006 min
Lab File: VX021034.D
Acq: 05 Mar 2021 15:04

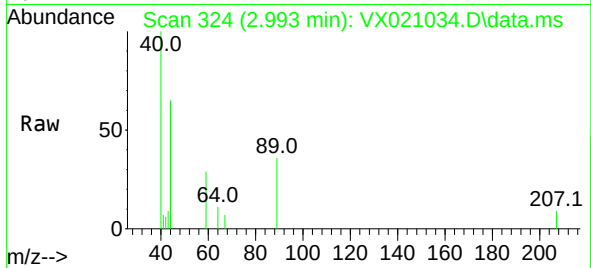
Tgt Ion: 101 Resp: 13293
Ion Ratio Lower Upper
101 100
85 41.7 34.9 52.3
151 73.5 61.4 92.2



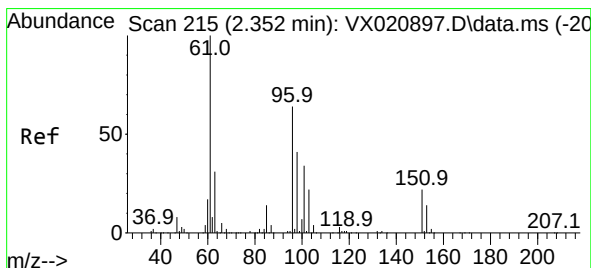
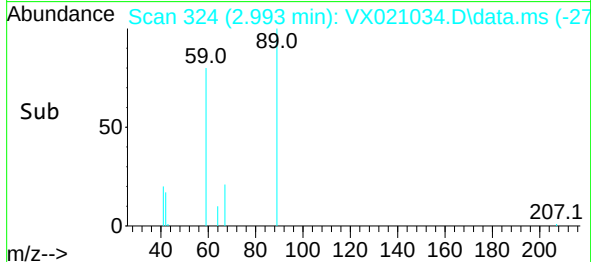
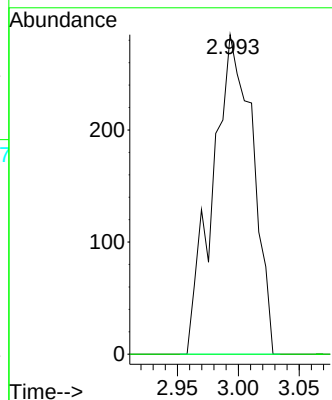


#11
Tert butyl alcohol
Concen: 1.01 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021034.D
Acq: 05 Mar 2021 15:04

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-778-780

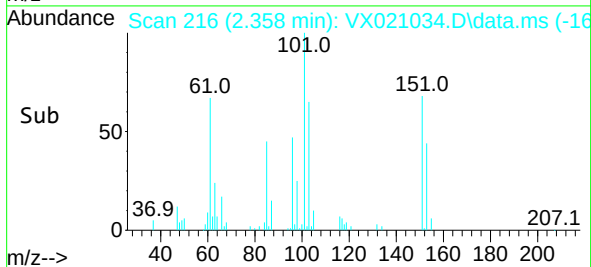
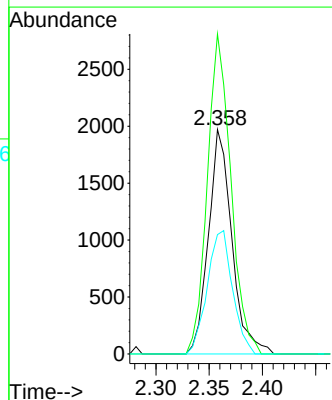
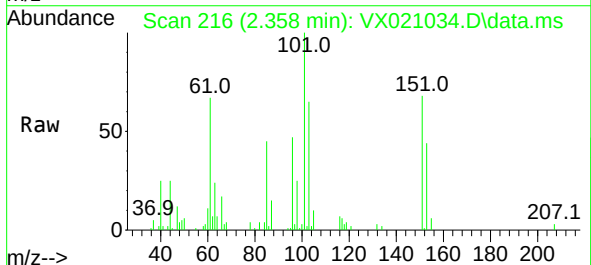


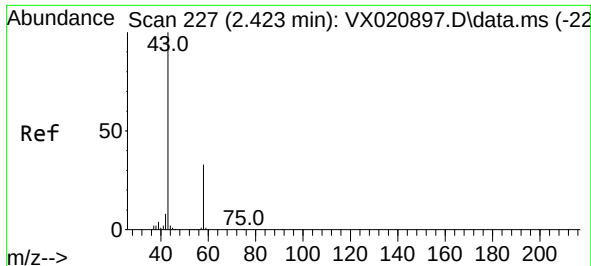
Tgt Ion: 59 Resp: 653
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 1.25 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021034.D
Acq: 05 Mar 2021 15:04

Tgt Ion: 96 Resp: 3017
Ion Ratio Lower Upper
96 100
61 142.6 124.6 187.0
98 53.2 50.6 76.0

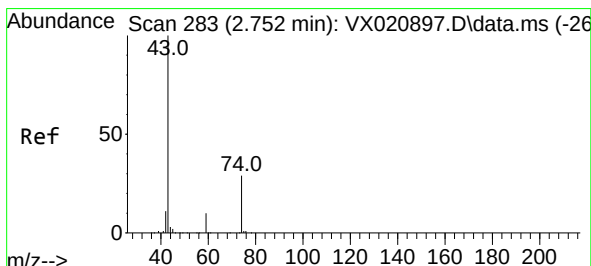
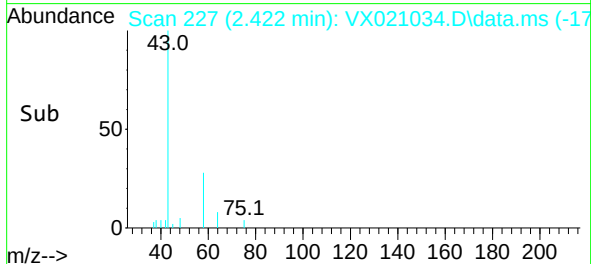
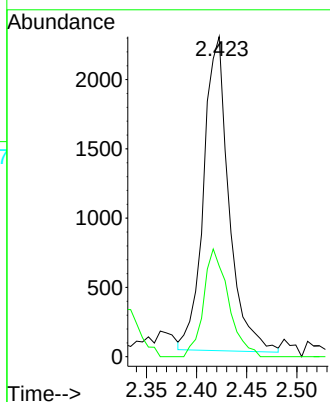
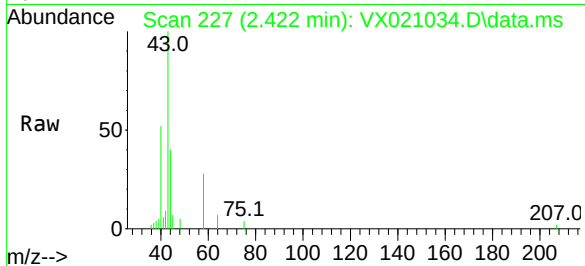




#16
Acetone
Concen: 3.32 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021034.D
Acq: 05 Mar 2021 15:04

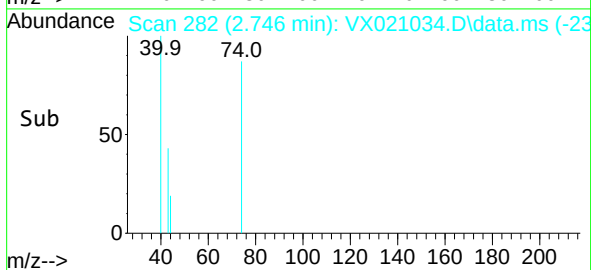
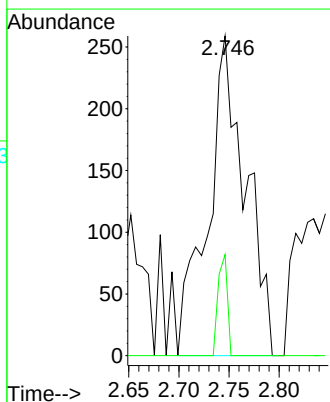
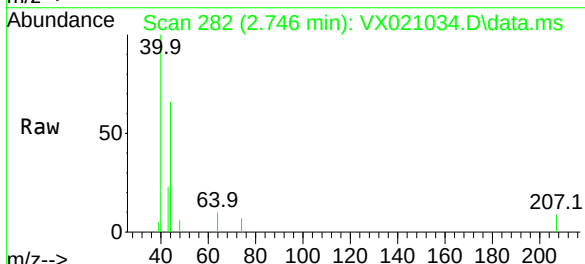
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-778-780

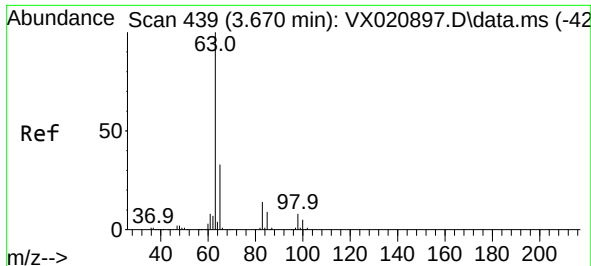
Tgt Ion: 43 Resp: 3982
Ion Ratio Lower Upper
43 100
58 29.1 27.8 41.8



#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021034.D
Acq: 05 Mar 2021 15:04

Tgt Ion: 43 Resp: 675
Ion Ratio Lower Upper
43 100
74 7.7 21.9 32.9#

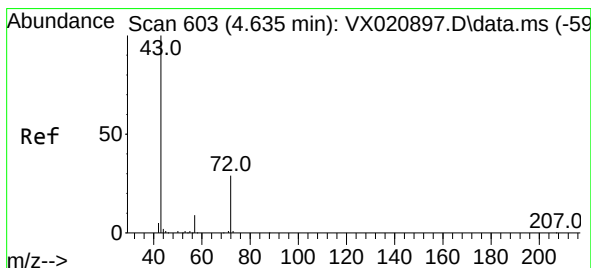
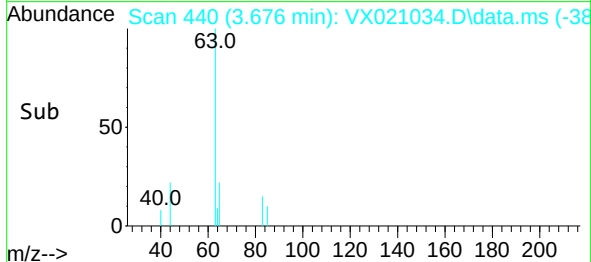
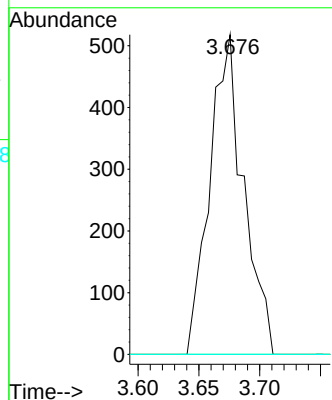
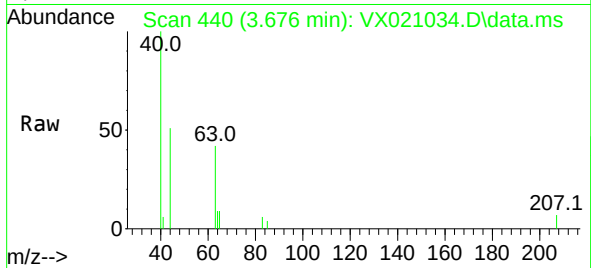




#24
1,1-Dichloroethane
Concen: 0.21 ug/l
RT: 3.676 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX021034.D
Acq: 05 Mar 2021 15:04

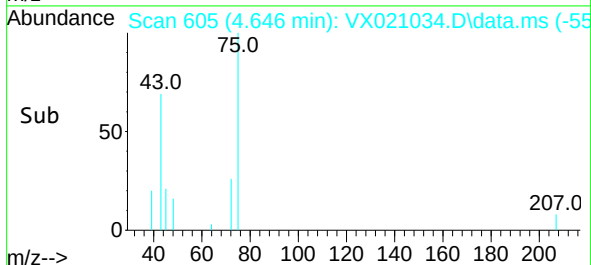
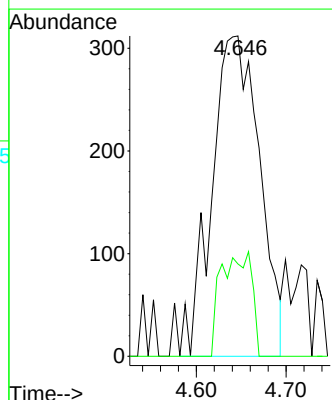
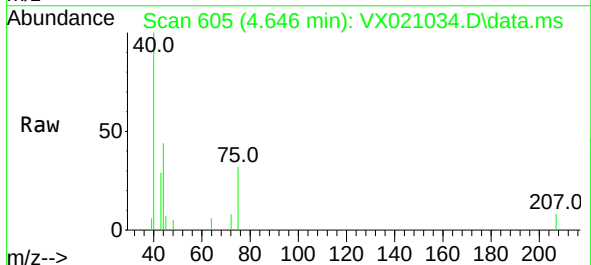
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-778-780

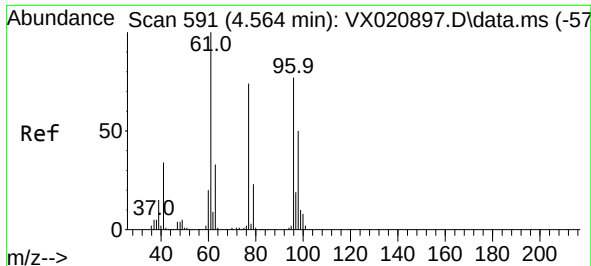
Tgt Ion: 63 Resp: 1001
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#25
2-Butanone
Concen: 0.64 ug/l
RT: 4.646 min Scan# 605
Delta R.T. 0.012 min
Lab File: VX021034.D
Acq: 05 Mar 2021 15:04

Tgt Ion: 43 Resp: 1158
Ion Ratio Lower Upper
43 100
72 28.8 23.7 35.5





#27

cis-1,2-Dichloroethene

Concen: 0.72 ug/l

RT: 4.564 min Scan# 591

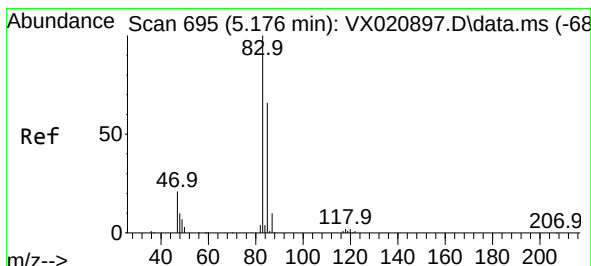
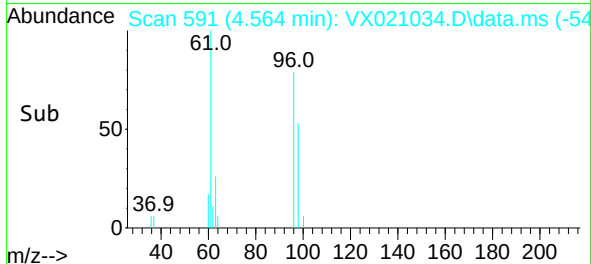
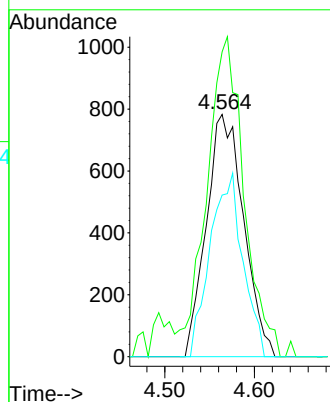
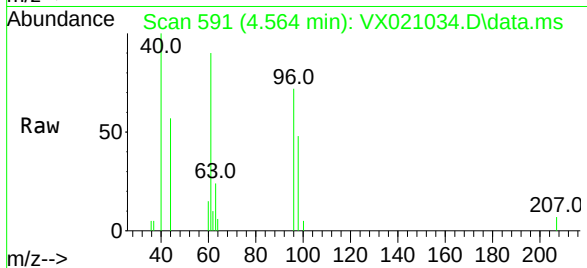
Delta R.T. -0.000 min

Lab File: VX021034.D

Acq: 05 Mar 2021 15:04

Tgt Ion: 96 Resp: 2260

Ion	Ratio	Lower	Upper
96	100		
61	130.8	0.0	285.6
98	66.1	0.0	129.6



#30

Chloroform

Concen: 1.07 ug/l

RT: 5.182 min Scan# 696

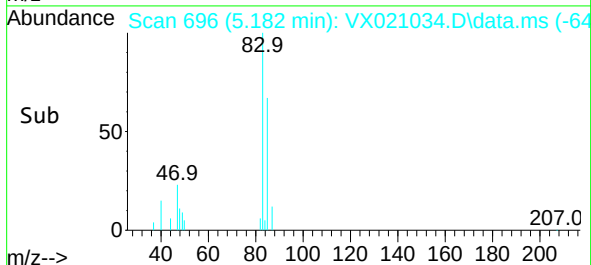
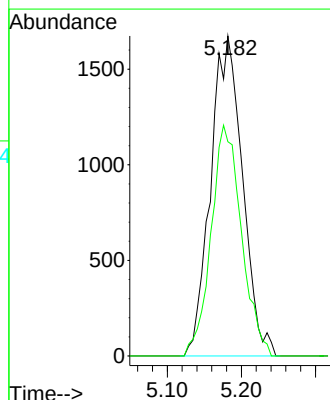
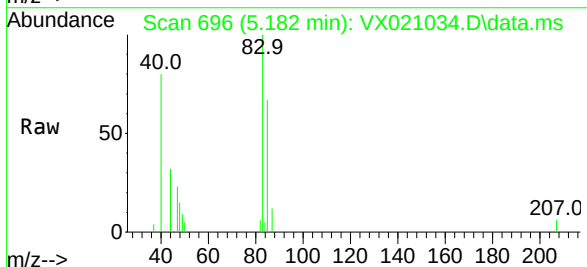
Delta R.T. 0.006 min

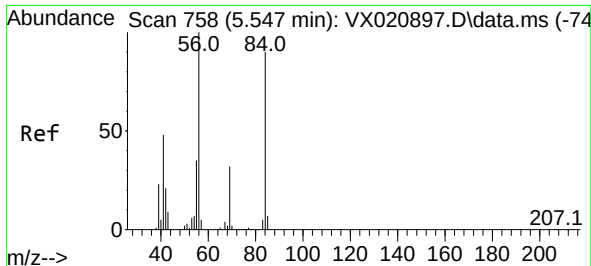
Lab File: VX021034.D

Acq: 05 Mar 2021 15:04

Tgt Ion: 83 Resp: 5011

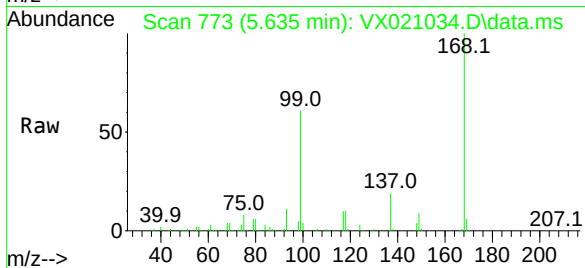
Ion	Ratio	Lower	Upper
83	100		
85	67.0	52.0	78.0



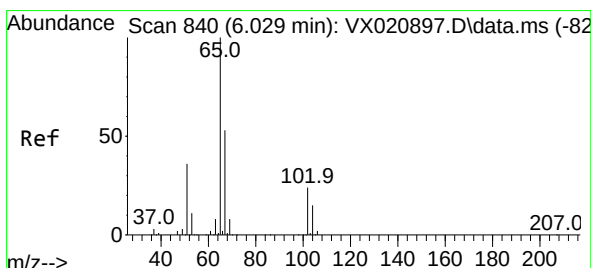
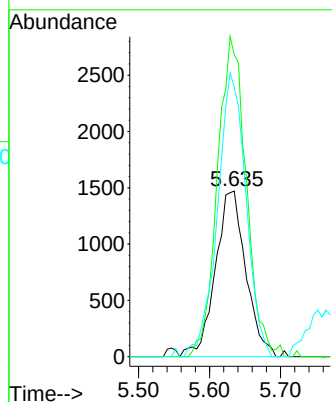
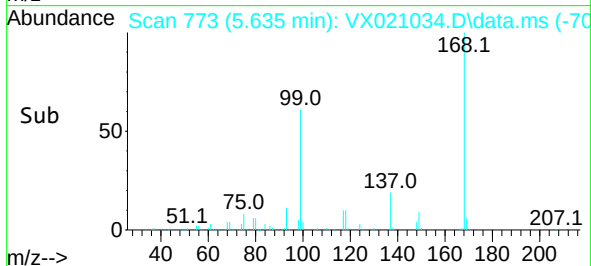


#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021034.D
Acq: 05 Mar 2021 15:04

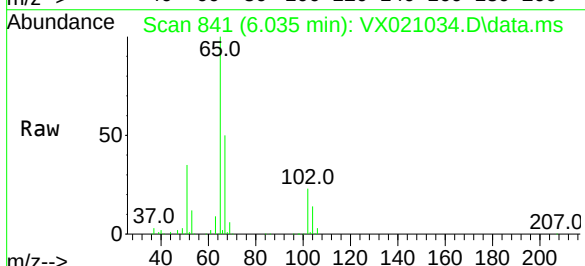
Instrument :
MSVOA_X
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BP-TT-VPB-RW6-GW-778-780



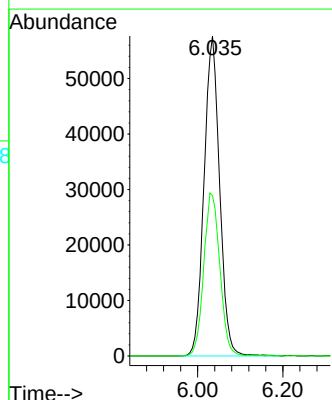
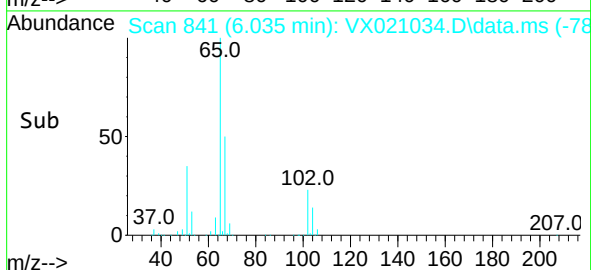
Tgt Ion: 56 Resp: 4384
Ion Ratio Lower Upper
56 100
69 182.3 25.3 37.9#
84 162.6 71.4 107.0#

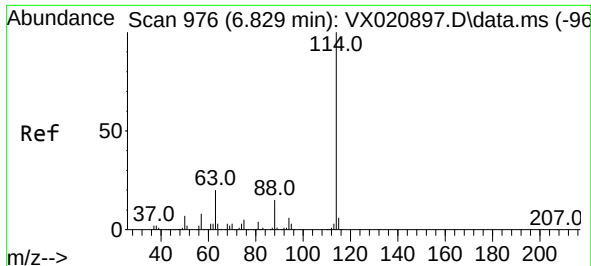


#33
1,2-Dichloroethane-d4
Concen: 50.36 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021034.D
Acq: 05 Mar 2021 15:04



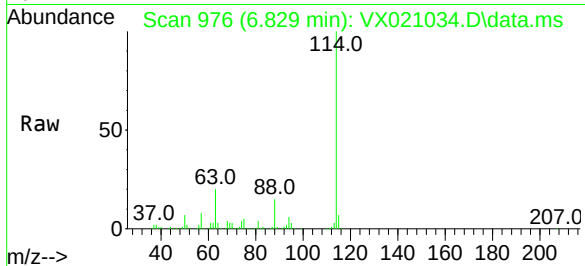
Tgt Ion: 65 Resp: 146384
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4



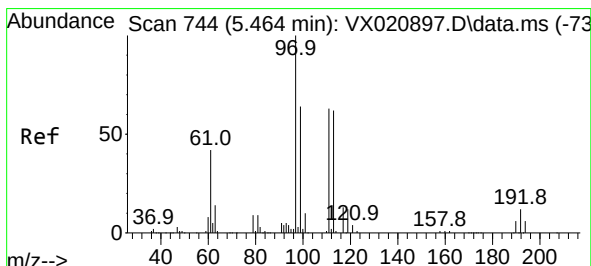
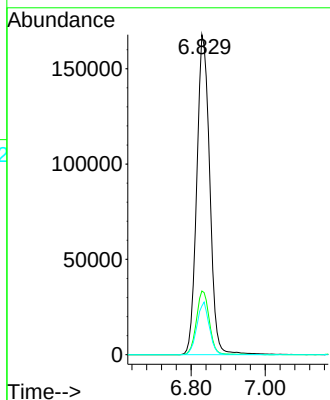
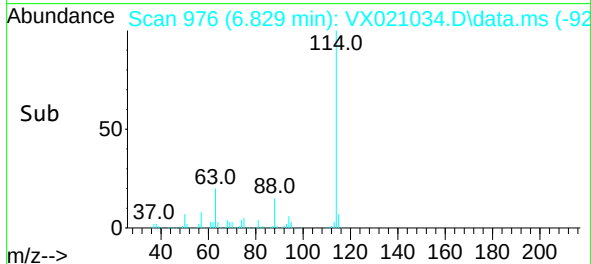


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021034.D
Acq: 05 Mar 2021 15:04

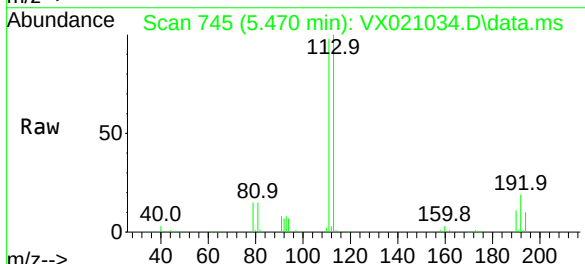
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-778-780



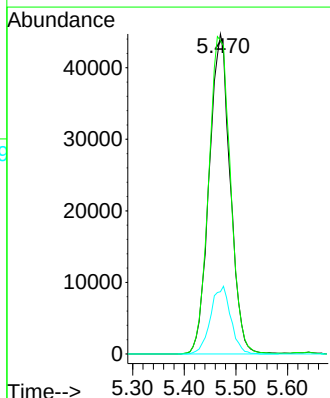
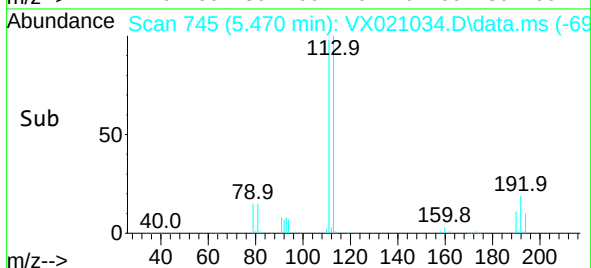
Tgt Ion:114 Resp: 407759
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 15.2 0.0 32.8

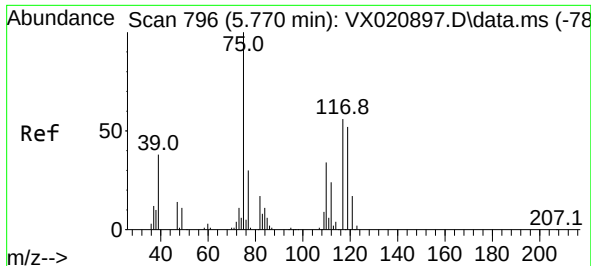


#35
Dibromofluoromethane
Concen: 51.00 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021034.D
Acq: 05 Mar 2021 15:04



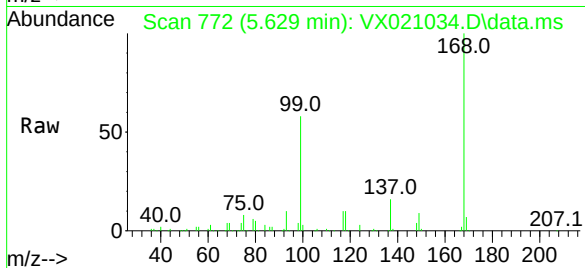
Tgt Ion:113 Resp: 126341
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 20.3 16.7 25.1



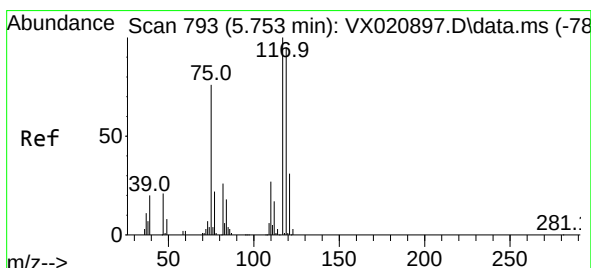
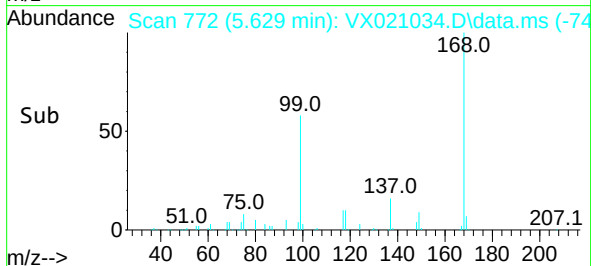
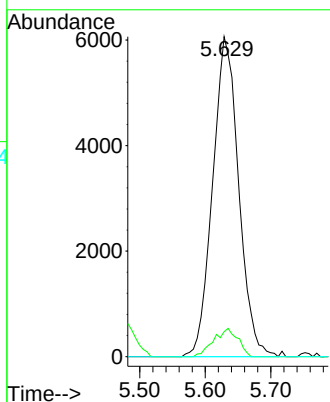


#36
1,1-Dichloropropene
Concen: 4.31 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021034.D
Acq: 05 Mar 2021 15:04

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-778-780

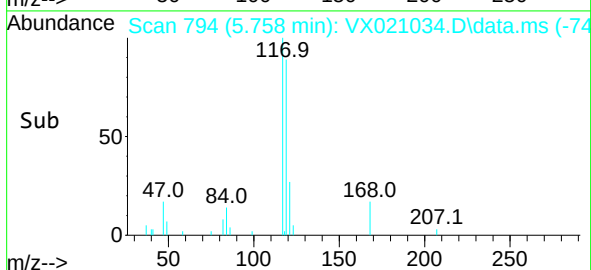
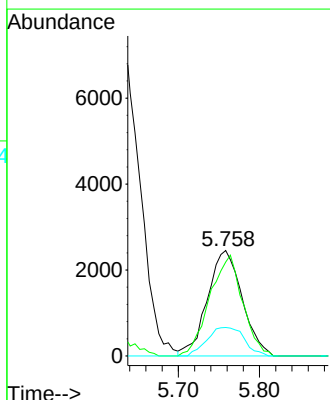
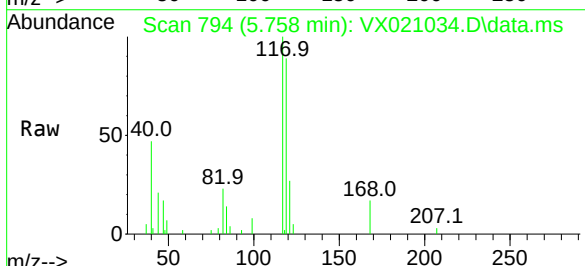


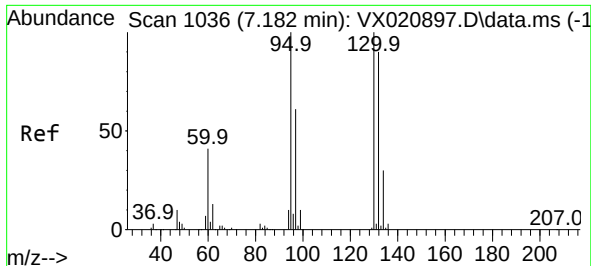
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.1	54.4#
77	0.0	25.3	37.9#



#38
Carbon Tetrachloride
Concen: 1.95 ug/l
RT: 5.758 min Scan# 794
Delta R.T. 0.006 min
Lab File: VX021034.D
Acq: 05 Mar 2021 15:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.2	76.2	114.2
121	27.1	24.8	37.2

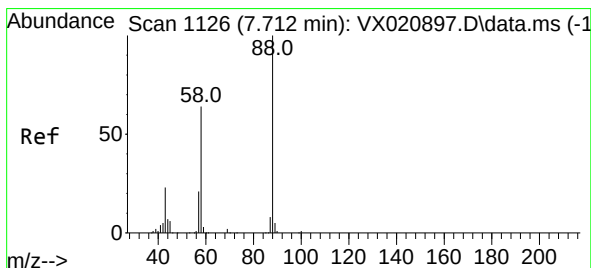
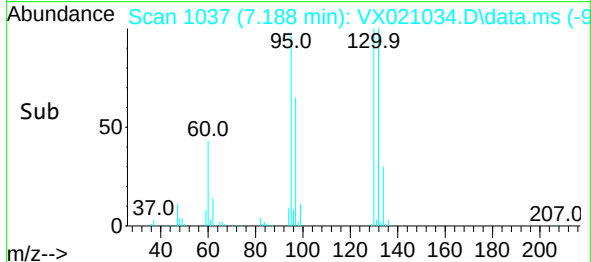
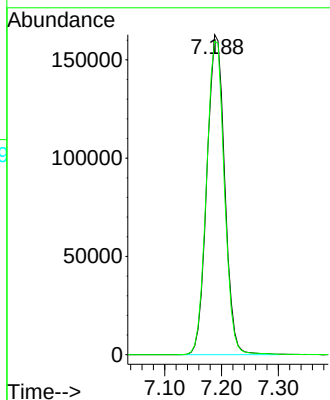
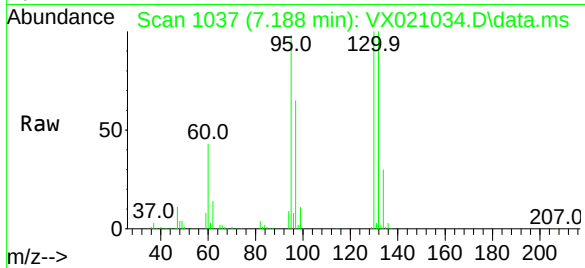




#44
Trichloroethene
Concen: 115.76 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VX021034.D
Acq: 05 Mar 2021 15:04

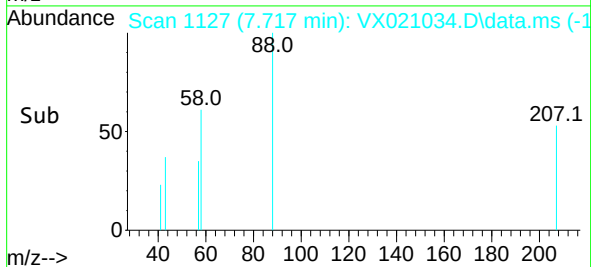
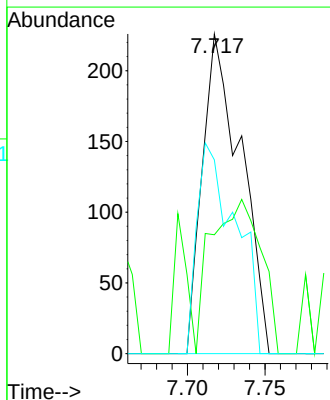
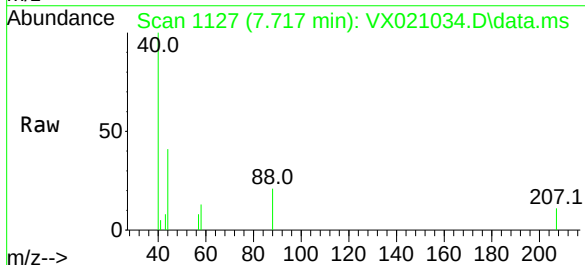
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-778-780

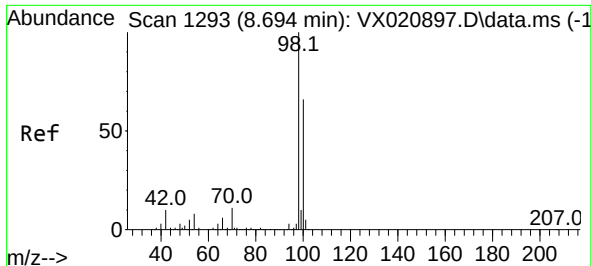
Tgt Ion:130 Resp: 353574
Ion Ratio Lower Upper
130 100
95 97.9 0.0 198.0



#49
1,4-Dioxane
Concen: 5.32 ug/l
RT: 7.717 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VX021034.D
Acq: 05 Mar 2021 15:04

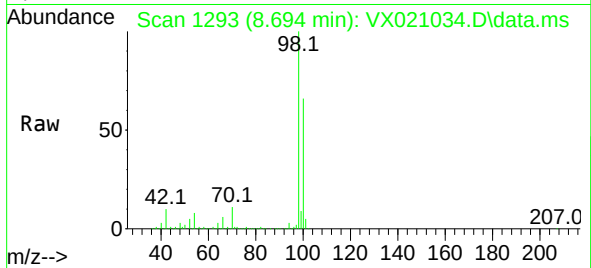
Tgt Ion: 88 Resp: 391
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 66.2 55.0 82.4



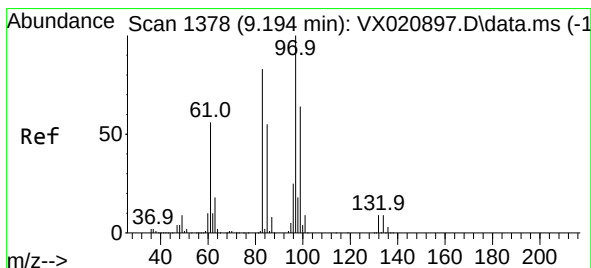
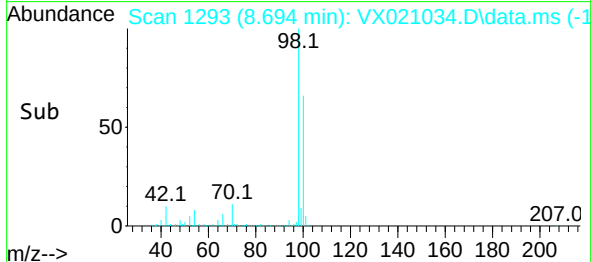
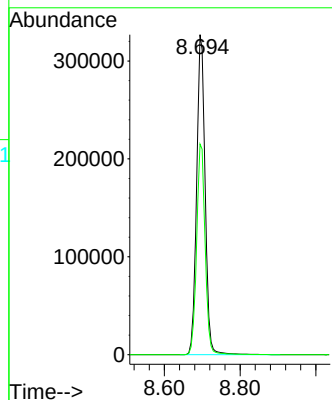


#50
Toluene-d8
Concen: 52.97 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021034.D
Acq: 05 Mar 2021 15:04

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-778-780

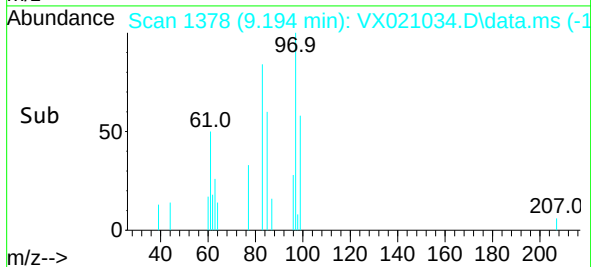
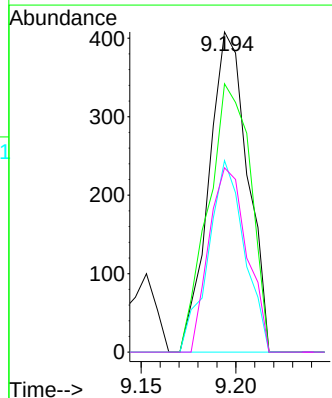
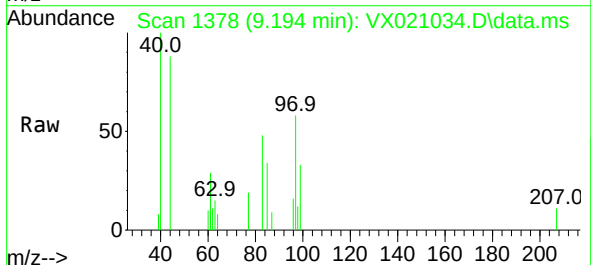


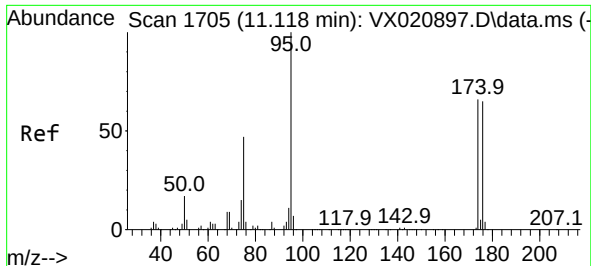
Tgt Ion: 98 Resp: 511642
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#55
1,1,2-Trichloroethane
Concen: 0.20 ug/l
RT: 9.194 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VX021034.D
Acq: 05 Mar 2021 15:04

Tgt Ion: 97 Resp: 582
Ion Ratio Lower Upper
97 100
83 83.8 69.3 103.9
85 59.8 44.3 66.5
99 57.6 50.3 75.5

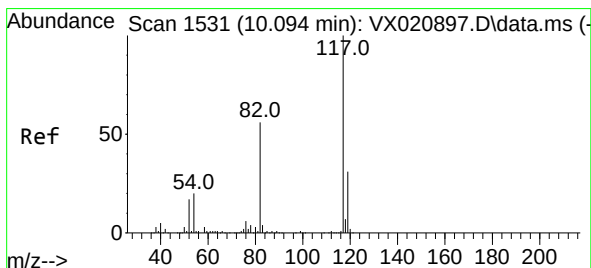
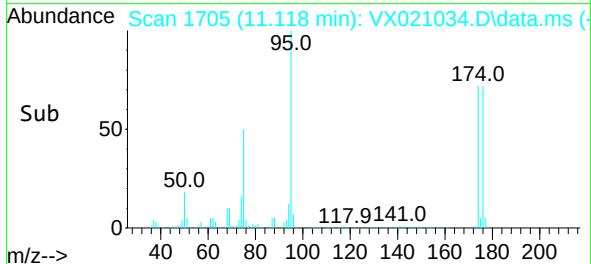
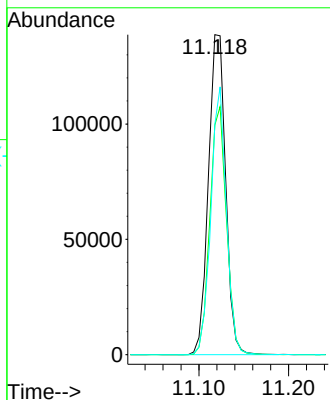
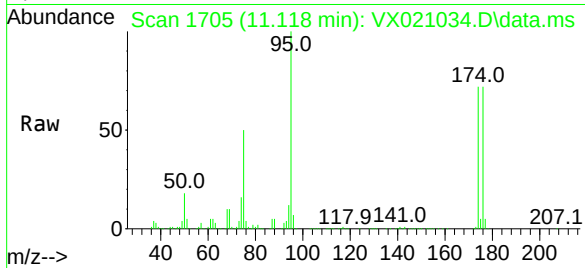




#62
4-Bromofluorobenzene
Concen: 51.87 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021034.D
Acq: 05 Mar 2021 15:04

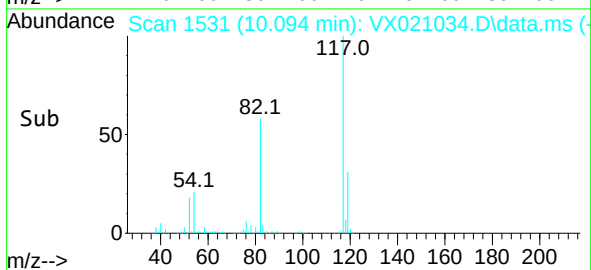
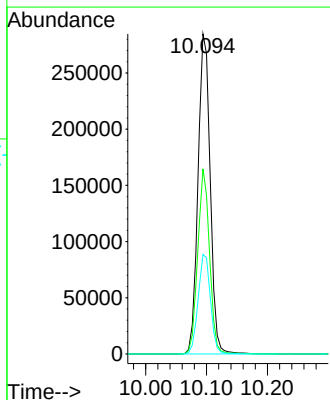
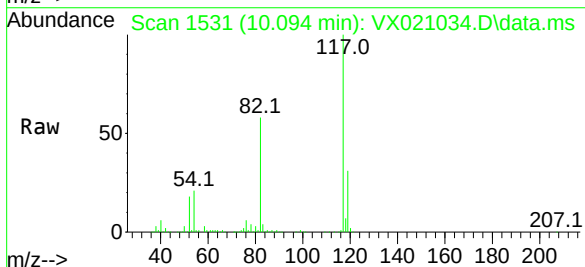
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW6-GW-778-780

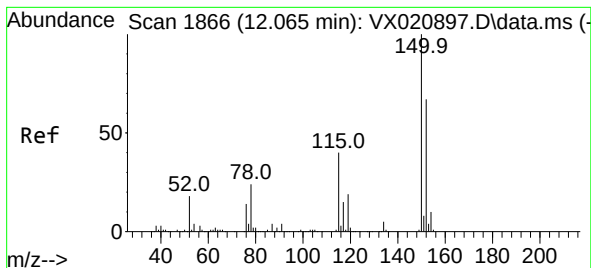
Tgt Ion: 95 Resp: 185279
Ion Ratio Lower Upper
95 100
174 74.7 0.0 154.6
176 75.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021034.D
Acq: 05 Mar 2021 15:04

Tgt Ion: 117 Resp: 396072
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 31.1 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.059 min Scan# 1865

Delta R.T. -0.006 min

Lab File: VX021034.D

Acq: 05 Mar 2021 15:04

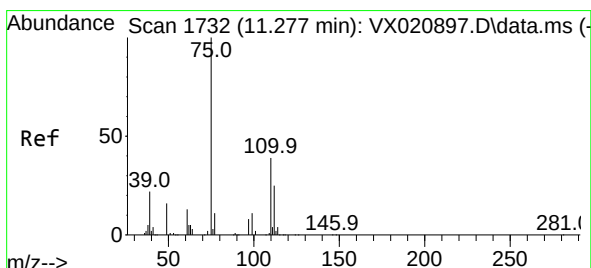
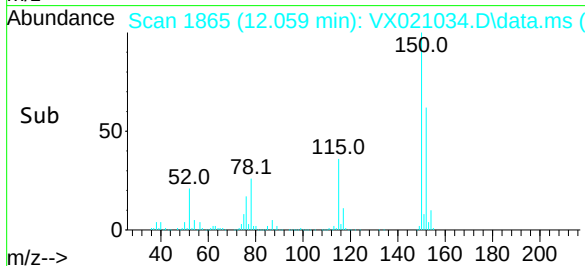
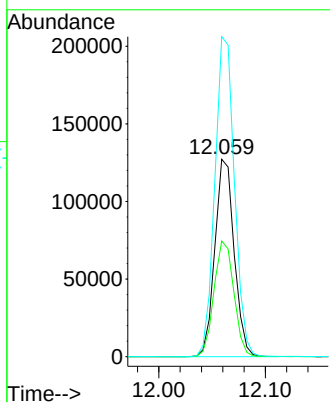
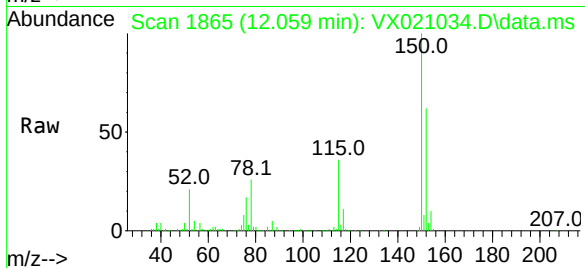
Tgt Ion:152 Resp: 160107

Ion Ratio Lower Upper

152 100

115 60.1 41.1 123.3

150 164.4 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 25.44 ug/l

RT: 11.118 min Scan# 1705

Delta R.T. -0.159 min

Lab File: VX021034.D

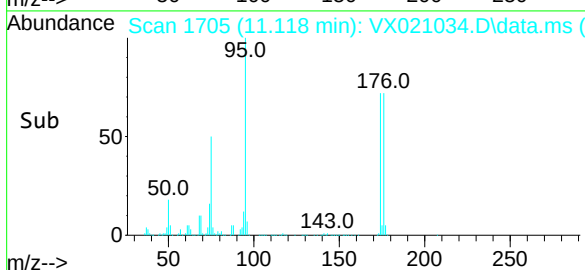
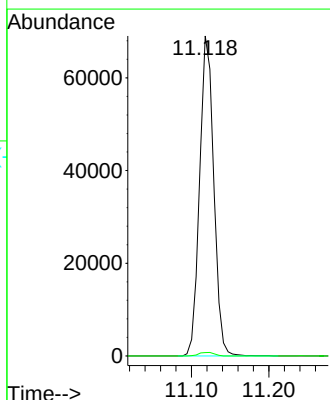
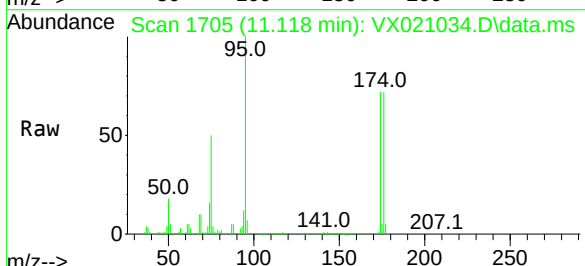
Acq: 05 Mar 2021 15:04

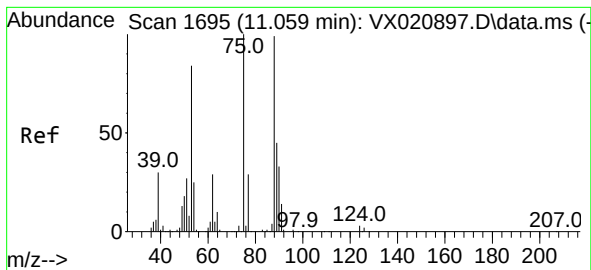
Tgt Ion: 75 Resp: 87609

Ion Ratio Lower Upper

75 100

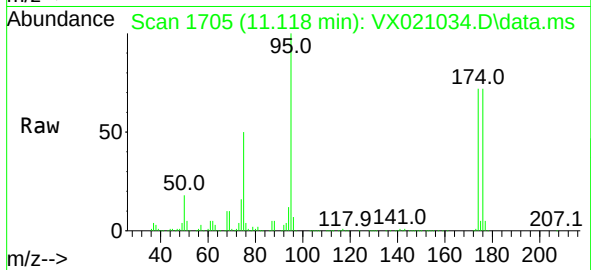
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.31 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021034.D
 Acq: 05 Mar 2021 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW6-GW-778-780



Tgt Ion:	75	Resp:	87609
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#

